



4720 INDEPENDENCE ST • WHEAT RIDGE, COLORADO 80033 • 844-754-8683 • 303-422-1566

[slicompliance.com](http://slicompliance.com) *SLI Compliance, a Division of GLI®*

August 4, 2021

Director, Voting System Testing & Certification  
U.S. Election Assistance Commission  
633 3rd Street NW, Suite 200  
Washington, DC 20001

**Re:** Hart ECO-01492 - Additional Order Part Numbers

Dear Mr. Panek,

Hart has requested that SLI review ECO-01492 and supporting documentation to determine if the proposed changes can be considered a minor change.

**Summary Description:**

**Reference Documents:**

- EAC 2005 Voluntary Voting System Guidelines (VVSG) Volume II, Sec. 1 & 4.
- EAC Voting System Testing and Certification Program Manual Version 3.0, Sec. 3.5.1.

**Documentation used in SLI's Assessment:**

- ECO-01492 Summary - Additional Orderable Part Numbers for 1005808 4005803 A00.
- 4005803A\_Supporting\_Documents:
  - 1005808 AML
  - 1005834 AML
  - 2005840 Interposer
  - Linear Tech LT8711 Datasheet
  - Schematic 4005840

**Conclusion:**

Analysis showed the alternate component's specifications are equivalent with respect to maximum ratings, pin out configuration, performance, temperature range and electrical characteristics. The only difference being the QFN package versions of the LT8711 includes an interposer. The interposer is an electrical interface routing between one socket or connection

to another. The purpose of an interposer is to spread a connection to a wider pitch or to reroute a connection to a different connection.

Hart's internal Electrical Verification board level voltage testing between the existing LT8711 TSSOP and LT8711 QFN package with interposer show minor variance but is within spec. QA testing found no differences between the LT8711 package forms.

As required under section 3.5.1 of the EAC's Voting System Testing and Certification Program Manual Version 3.0, Hart InterCivic has provided the necessary information to verify the ECO-01492 is a minor change and therefore not to affect the Verity Voting 2.3, 2.4, 2.5, and 2.6 Federal certification status.

Please refer to the attached SLI Evaluation Hart ECO-01492 form for additional information.

If you have questions regarding this assessment, please contact Darrick Forester.

Sincerely,

A handwritten signature in blue ink, appearing to read "Traci Mapps".

Traci Mapps

Vice President, Voting/Health IT